

the news



PHILADELPHIA SECTION

AMERICAN SOCIETY OF CIVIL ENGINEERS

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OUR 68th YEAR

February, 1981

FEBRUARY DINNER MEETING

Philadelphia Section, American Society of Civil Engineers

TUESDAY, FEBRUARY 10, 1981

Engineers' Club, 1317 Spruce Street

Cocktails — 5:30 P.M. Dinner — 6:30 P.M. Meeting — 7:30 P.M.

(Cocktails 2 for 1 — Downstairs Bar 4 - 6 P.M.)

SUBJECT:

COGNAC: WORLD'S TALLEST OFFSHORE OIL PLATFORM

SPEAKER:

DAN GODFREY, Manager of Off-Shore Engineering and Construction, Shell Development Company

In 1974, Shell Development Company, a division of Shell Oil, in cooperation with a consortium of 14 other companies, began design on the COGNAC project, an off-shore oil platform located in the Gulf of Mexico some 15 miles from the mouth of the Mississippi River. In sheer size alone it is an awesome structure — a tower higher than the Empire State Building, weighing 59,000 tons, almost entirely submerged in 1025 feet of water. There it will be able to withstand hurricane winds greater than 140 mph and waves 70 feet high.

Innovation in design and extraordinary attention to detail in fabrication and installation made Project COGNAC an engineering milestone, and as a result, it was chosen as the Outstanding Civil Engineering Achievement of 1980.

The project achieved a notable list of firsts. Among them: World's deepest water platform: 1025 feet. World's heaviest and tallest steel platform: 59,000 tons and, with drilling rigs atop, 1265 feet tall. First three-sectioned offshore platform. World's record for largest number of well slots (62) in a platform. First successful use of a hydraulic underwater hammer. New endurance records for divers working at depths from 850 to 1025 feet.

Dan Godfrey was in charge of the fabrication and installation of the COGNAC platform. He joined Shell Development Company in 1968 as a project engineer and has had considerable experience in off-shore platforms. After completion of the COGNAC project, Mr. Godfrey supervised research and development work on structures, foundations, ocean forces and arotic engineering.



SPECIAL FEATURE:

TEMPLE UNIVERSITY NIGHT

The ASCE Student Club, Faculty and Alumni of the Civil Engineering Department of Temple University will be honored at this meeting. All students, faculty and alumni are cordially invited to attend.

NEXT MONTH'S MEETING

MARK YOUR CALENDAR

DINNER MEETING
PHILA. SECTION ASCE

Date: Tuesday, March 10, 1981

Engineers' Club—7:30 P.M.

Cocktails: 5:30 Dinner: 6:30

"See List of Meetings — page 2"

TECHNICAL GROUP ACTIVITIES

GEOTECHNICAL

February Meeting

Date: Tuesday, February 17, 1981

7:00 P.M. - Engineers' Club

Subject: Geotechnical Considerations in Surface Mining

Speaker: **Walter N. Heine, P.E.** Director, Office of Surface Mining, U. S. Department of the Interior, Washington
Program Host: **Dr. Ziyad I. Husami**
Chairman, Geotechnical Group

This is the fifth lecture in the series on Geotechnical Aspects of Energy. There are a variety of geotechnical considerations which necessarily must be made in the development of a coal surface mine. These include as a minimum the hydrology of the area, the design of embankments and dams necessary for impoundment, the construction of excess spoil disposal areas and the mapping and geotechnical evaluation of lands necessary for postmining land use. The lecture will address principally the geotechnical aspects of reclamation in mountainous terrain in Central Appalachia as well as the disposal of excess spoil.

No Dinner Reservation Mailing Cards will be sent until further notice. Please call Mr. deKovacs at the Engineers' Club immediately. (215) 735-5234.

STUDENTS — Plan to attend for Dinner (Half Price) or meeting after Dinner.

IMPORTANT!!

THE NEWS is now being mailed at Non-Profit Organization Bulk Rate. While this promises postage savings to the Section, it also runs the risk of much longer delivery time from your local post office to your mail box. Therefore, please refer to your 1980-1981 Section Meeting Program Schedule and mark your calendar for all meetings and social functions. Listed below is a summary of remaining meeting dates.

Tuesday, March 10, 1981 — Section Dinner Meeting, Engineers' Club

Subject: "Environmental and Geotechnical Considerations of the Alaskan Pipeline"

Speaker: William Moore, Principal, Dames and Moore, San Francisco, CA
University of Pennsylvania Night.

WEDNESDAY, April 8, 1981 — Joint Dinner Meeting with Philadelphia Post, Society of Military Engineers (SAME), at the PHILADELPHIA NAVAL BASE.

Saturday, May 9, 1981 — Annual Spring Social at the Engineers' Club.

Note: This is a change from your Program Card.
This Year's Social is NOT at Bala Golf Club.

STUDENT CHAPTER NEWS

A meeting of the Student Chapter Committee will be held, as planned, on **Tuesday, February 10, 1981** at 5:00 P.M. at the Engineers' Club. This meeting will immediately precede the Main Section meeting on that date. Attendance by Contact Members, Faculty Advisors, Student Chapter Officers, Student Representatives, as well as other interested faculty members, is suggested. The agenda will include; Spring Events (Concrete Canoe Race and Student Paper Conference) and Contact Member appointments. Additional items for the agenda should be communicated to **John E. Durrant** at (215) 686-1776 Ext. 23-246 as soon as possible.

ADOPT A HIGH SCHOOL

The Philadelphia Section will begin a program, depending on Membership response, to provide subscriptions to **CIVIL ENGINEERING** magazine for high school libraries in the area. The required \$5.60 annual fee or the donation of back copies of **CIVIL ENGINEERING** on a routine basis, will provide high school students with an excellent source for their research projects as well as giving them a better understanding of the Civil Engineering profession.

Section members who feel such a program would be worthwhile and who would be willing to make the required donations are asked to relay their opinions and sentiments to **Dr. Ish Aneja** at Westinghouse Electric Corp., Steam Turbine Div., P. O. Box 9175, Lester Br., Philadelphia, PA 19113 or by phone at (215) 595-4230.

SEABROOK PROJECT RECEIVES AWARD

The March 1980 main section meeting featured Allen Hulshizer of United Engineers and Constructors who spoke on the **Seabrook Nuclear Station** in New Hampshire, Design and Construction. Because of timely logistics and copy deadlines, unfortunately a written write-up was not published in THE NEWS. The Phila. Section regrets very much that Mr. Hulshizer's outstanding talk was not reviewed.

We are however most pleased to report that the Cooling Water Tunnel portion of this project has been named an Outstanding Engineering Achievement and will be officially recognized as such during Engineers Week at the **Proclamation Luncheon on Friday, February 20, 1981.**

The two deep bedrock tunnels (22 feet in diameter) extend over a mile into the Atlantic Ocean to provide the cooling water requirements for the nuclear power station.

The Philadelphia Section offers its congratulations to United Engineers.

SUPPORT ENGINEERS WEEK

Engineers Week is **February 20 to February 28, 1981.** The Civil Engineers in the Philadelphia and South Jersey Section are asked to make a special effort to promote and support the many Engineers Week activities. The theme of the Week is "Engineering + Opportunity = Progress." The activities are detailed in the Engineers Week brochure which is enclosed with this issue of THE NEWS. Let's support our fellow Section member **Bob Koerner**, the 1981 Engineer-of-the-Year, by turning out in force.

JANUARY JOINT MEETING

with Women's Auxiliary
January 13, 1981 Engineers' Club

Nuclear Energy — Pros and Cons

Editor's Note: THE NEWS is grateful to **Charlene A. O'Connor** Co-Chairman and Coordinator of the Program Committee of the Phila. Section, ASCE, for her generous and excellent assistance in the preparation of the following article.

A highly successful Joint Meeting of the Philadelphia Section, ASCE and its Women's Auxiliary enjoyed the largest attendance of members and guests this season (over 200). It was **Drexel University Night**, honoring that school's ASCE Student Chapter, and Civil Engineering Department of the Day and Evening Colleges.

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AMERICAN SOCIETY OF
CIVIL ENGINEERS
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**COPY DEADLINE FOR
MARCH, 1981 ISSUE
FEBRUARY 10, 1981**

The controversial subject: **Nuclear Energy - Pros and Cons** was discussed by **Doug Baker**, an Aeronautical and Environmental Engineer and Past President of Limerick Ecology Action Association (LEAA), who opposes nuclear power generation; and **J. Theodore (Ted) Robb**, Project Manager, Adwin Realty Company, a subsidiary of Philadelphia Electric Co., who advocates nuclear. Mr. Robb substituted for the originally scheduled speaker: **Vincent S. Boyer**, Vice President, Phila. Electric Company, who was obliged to cancel his appearance at a late date. Mr. Robb is to be congratulated for his excellent last-minute preparation for the debate. He is a member of the Phila. Section ASCE. It was also appropriate that both speakers are Drexel graduates.

The Women's Auxiliary Participates

Women's Auxiliary President **Paula (Mrs. Robert M.) Koerner** welcomed her group and expressed pleasure at the joint meeting idea, which was started several years ago, and has been a successful institution ever since. Mrs. Koerner invited all wives of Section Members to join the Auxiliary and take part in its many interesting and rewarding functions. It is hoped that their current membership drive will be successful.

Drexel Night Includes Evening College

An exceptionally large contingent of the ASCE Student Chapter, faculty and alumni attended to celebrate **Drexel University Night** at the meeting. Earlier, representative officials and students of the Drexel Evening College of Civil Engineering and the ASCE Student Chapter Evening Division, led by **Hartley V. R. Pierce**, Faculty Advisor; and **Ted Wioncek**, Chairman, joined Day College Student Chapter officers and members at the Board of Directors' meeting. They took part in discussions of the development of the new Student Member classification recently instituted by National ASCE. They also recommended liaison among Evening and Day College students and the Philadelphia Section, ASCE. Because of previous commitment to another important meeting, the Evening College representatives left shortly after the Board of Directors' session.

McNamee Reviews Programs and Goals

Section Vice President **Dr. Bernard M. McNamee**, Head of the Civil Engineering Department at Drexel University, explained the expansion programs and aspirations of the Department. "Improvement of the Quality of Student Life" is the theme. Dr. McNamee de-

scribed the planning and progress of the new Commons Building, which will be the principal vehicle toward attainment of the Quality of Life Improvement objective. He also updated the status of planning and fund-raising for the proposed new 300-student Dormitory and the all-important new College of Engineering Building.

Dr. Gene Parkin, Drexel ASCE Student Chapter Faculty Advisor, introduced the officers of the Chapter; and distinguished faculty and alumni in attendance, including **Dr. Richard E. Woodring**, Dean of the College of Engineering and an active Phila. Section member. The large number of Drexel people at the meeting, especially alumni, reflects the major role that the University plays in the Delaware Valley Civil Engineering community.

Richard Murphy, President of the Drexel ASCE Student Chapter, introduced his fellow officers and Chapter members; and reviewed the academic, social and athletic activities of the Chapter. The latter included great football games with the Student Chapters of Villanova and Temple; and also the somewhat less-than-enviable showing in the 1980 Concrete Canoe Race ("... our concrete canoe still rests at the bottom of the Schuylkill River — but watch out for us in 1981 . . .!"). Richard named some of the outstanding consultants and engineering specialists who addressed Chapter meetings; and he described the contacts between the Chapter and the Phila. Section.

Parkin, Pierce and Denny Receive Awards

For their diligent and effective efforts in maintaining the lines of communication and coordinating activities between the Drexel ASCE Student Chapter and the Phila. Section, Faculty Advisors **Gene Parkin**, of the Day College and **Hartley V. R. Pierce** of the Evening College, and Associate Contact Member **Charles J. Denny** (Phila. Section Assistant Treasurer) were presented Certificates of Appreciation by Section President **Joseph R. Syrnick** (who is himself also a Contact Member for the Drexel Student Chapter.)

O'Connor Moderates the Debate

Leo F. O'Connor, General Chairman of the Spring, 1983 National ASCE Convention to be hosted by the Philadelphia Section, was the capable Moderator of the Nuclear Energy discussion, which adopted a format of modified debate. Leo acquitted himself skillfully — as usual — and adroitly demonstrated his sensitivity to the diametrically

opposite views on the subject at hand, shared not only by the speakers, but by the citizens of the United States and the World at large.

Major Impacts — The Anti Nuclear View

Doug Baker was the first speaker, representing the anti nuclear-power position. Mr. Baker received his M.S. in Environmental Engineering from Drexel University; and he has worked for General Electric Co. on defense projects, and teaches college mathematics and physics. In addition to his affiliation with the Limerick Ecology Action Group (where he is currently preparing testimony for the Limerick Court Hearings), Mr. Baker is a Past Executive Co-Director of the Environmental Coalition on Nuclear Power.

In addressing the major impacts and international ramifications of nuclear power, Mr. Baker emphasized **safety; environmental and human health; and geo-political and economic problems — the proliferation of nuclear technology worldwide.**

Many people seem to feel that nuclear power is a safe tool that is well understood, technically. Mr. Baker reminded us of the nuclear accident in the Soviet Union in the Ural mountains. This accident, which had been covered up by the CIA and the USSR for twenty years, occurred at a waste disposal site. The ensuing contamination obliterated 30 towns. This incident is the subject of a book, **Nuclear Disaster in the Urals**, by Medvedev. If a radiation releasing accident occurred at Limerick, it could have lethal effects up to 90 miles away, within a radius in which millions of people live.

Politically, nuclear power is a hot issue, said Mr. Baker. The "Atoms for Peace" Program is a "Bombs for Sale" promotion and it has encouraged the distribution of military information. More and more small countries will build bombs and make them available to terrorist groups. This has contributed to the arms race and instability in the world. Economic considerations have also plagued nuclear power. The cost of nuclear plants is rising. Rate increases are needed to finance the additional power. Mr. Baker proposes that renewable sources of energy be used. He cited the Southern California Edison Company as an example of a progressive energy producer. SCEC currently produces 14% of its energy by means of renewable sources and is

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JANUARY MEETING

(continued from page 3)

aiming to produce 30% of its power by these means by 1990.

The environmental problems associated with the completion of Limerick are just now being brought to public attention. Along with the long-term low-level radiation effects on workers, the Limerick plant is expected to have serious detrimental effects on our water supply. The EPA does not think we have an adequate water source to supply the necessary cooling water.

We must all cooperate to solve these gigantic problems and not be adversaries, counsels Mr. Baker. "... We have met the enemy and he is us ... We have met the solution and he is us ..."

The Affirmative Stance

J. Theodore (Ted) Robb received his M.B.A. Degree from Drexel University. In espousing the pro-nuclear point of view, Mr. Robb quoted the oft-pounded questions to which the Public Utilities Commission demands satisfactory answers before issuing permits for a nuclear plant: Is it safe? What are the anticipated environmental effects? How much will it cost? When will it be available?

Nuclear power is safe, proclaims Ted Robb. Our ethical standards of safety should be compatible. Drink-and-Drive has the same potential for danger as indifference to safety standards in nuclear power. Mr. Robb is convinced that the alleged dangerous potentialities of nuclear power generation are unsubstantiated by the facts. He attempted to classify accurate mathematics and cataloging of the safety, waste disposal contamination and environmental effects in the conduct of nuclear power plants. He cited the operation of Phila. Electric's Peachbottom. This plant has been in operation since 1974 and has had no measurable undesirable effects on the environment. He noted that the major problem caused by the Three Mile Island incident was stress by all parties concerned, including the public.

Limerick Completion Recommended

Mr. Robb pointed out that an independent management consultant hired by the Pennsylvania Utility Commission (P.U.C.) recommended expeditious completion of Limerick. Ironically, Mr. Robb agrees with opponents of nuclear, that the geo-political environment in the United States may have already inflicted a mortal wound on nuclear power plant

construction, because of the delays and cancellations it has engendered. The growth market for nuclear, laments Mr. Robb, is all overseas.

The economical aspects of nuclear power are favorable for PE. The cost of nuclear fuel, which is much less than the cost of coal and oil fuel per BTU, makes nuclear power economical. France brings a nuclear plant on line every month. Only 4% of their spent fuel goes to waste. The remainder of their fuel can be processed and reused. This lowers the fuel cost even more.

Rebuttal and Q and A

In a brief but penetrating rebuttal period, Mr. Baker and Mr. Robb exchanged views and conclusions on the seriousness and consequences of Post World War II radioactive waste disposal, and other prominent points of contention between antagonists in the nuclear power controversy.

Each speaker commented on the many questions and comments put forward by members of the audience. These embraced the technological and economic factors of nuclear power and its alternatives in the United States and abroad. The answers by both speakers covered human vulnerability in the plants so far as the capacity and training of both professional personnel and technicians; as well as malfunctioning of mechanical equipment, including computers.

The alternatives to nuclear power were discussed at length. The viability, efficiency and cost-effectiveness — as compared to nuclear — were analyzed for solar, wind power, geo-thermal, and — yes, even conservation. Conservation, emphasized Mr. Baker, if applied scientifically and conscientiously, could bring vast savings in oil and other energy-proliferating natural resources.

Kudos to Our Speakers

The Philadelphia Section, ASCE Membership is indeed fortunate to have engaged such articulate and thoroughly knowledgeable speakers as Mr. Baker and Mr. Robb. We salute and thank them for the exceptional demonstrations of their expertise.

In recognition, President Syrnick presented each speaker the Section's Certificate of Appreciation and a copy of the 1976 Bicentennial ASCE Annual ASCE Convention Commemorative Book published by the Phila. Section: "The History of Civil Engineering and Construction in the Delaware Valley."

This was a superb meeting.

1981 Daniel W. Mead CONTEST

FOR ASSOCIATE MEMBERS

The Daniel W. Mead Prize for Associate Members was established in 1939 to honor the memory and accomplishments of the 67th President of the American Society of Civil Engineers. The talents of many of the leaders of the profession were first recognized in previous contests for this significant professional honor. The current contest provides another opportunity for young civil engineers to further their professional development and gain national attention.

Rules

* Papers are to be written on **"Better Government—Can the Young Engineer Help to Make it Happen?"** Modern society depends largely upon applied technology, and engineers obviously play major roles in both public employ and private practice in meeting the needs and wishes of the public. What beyond applying personal knowledge and skills to his or her assigned duties can the young engineer do to improve the quality of government? Possible actions could include contributing to public proceedings that involve technical matters, voluntary service on boards, commissions and other public bodies, presentations of testimony or information related to legislative proceedings, speaking and writing in lay terms on professional matters, volunteering for appointive or elective office, or calling attention to irregularities related to engineering matters.

Papers should be directed to younger engineers, and should offer practical suggestions relating engineering knowledge to the improvement of government at any or all levels.

* Authors must be Associate Members of the Society.

* Only one person can write each paper.

* Each Section can submit only one paper.

* Papers must contain no more than 2,000 words.

* One winner will be selected from each of the Society's four zones.

* The National winner, selected from the zone winners, will receive a wall plaque and a certificate.

* Winners will be invited to present their papers at the ASCE Annual Convention in St. Louis 1981.

* The paper by the National winner will be published in **CIVIL ENGINEERING** or **ISSUES IN ENGINEERING**.

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MEAD CONTEST

(continued from page 4)

* By May 1, 1981, seven copies of each paper must be submitted through Section Secretary Albert M. Tantaia to the American Society of Civil Engineers, United Engineering Center, 345 E. 47th Street, New York, New York 10017.

Phila. Section Associate Members are urged to get to work on the Mead Competition. We are proud of our past winners and want to continue to be in the forefront.

Recent Phila. Section Mead Competition winners are the following:

1974—**John E. Spitko**, National Award
1977—**Joseph R. Syrnick**, Zone I Award
1978—**David S. Shaw**, Zone I Award
1979—**Haym Bemaroya**, Zone I Award

PLEASE PAY SECTION DUES!!

When you pay the \$10.00 Phila. Section annual dues, you become a full Active Member and are eligible to reap the benefits of the many professional services and prestige which that classification provides.

In addition, your payment of Section dues significantly helps the Section in its ongoing search for revenues to finance its numerous and varied programs. National ASCE allots \$3.00 for each assigned member who pays the Philadelphia Section dues.

In a policy initiated in 1979 ASCE National Headquarters will include Philadelphia Section dues in its National billing. In this way, your one check will pay both National and Local Philadelphia Section dues. (National ASCE will reimburse the Phila. Section for the Local dues). **You will receive your bill from National ASCE, with appropriate instructions, shortly after October 1, 1980.** Please send your checks in promptly to National Headquarters in accordance with their instructions.

Another important function of the billing is for Phila. Section members to include their preferences for membership in Technical Groups @ \$1.00 annually per Group. The bill from National will include these choices. The total annual Phila. Section dues will therefore be \$10.00 plus \$1.00 per Technical Group membership.

YOU NEED THE PHILADELPHIA SECTION, ASCE FOR YOUR PROFESSIONAL FULFILLMENT. THE SECTION NEEDS YOUR SUPPORT CONTINUOUSLY. IT ALSO THANKS YOU FOR YOUR PARTICIPATION AND COOPERATION IN ALL ITS PROGRAMS AND ACTIVITIES.

KOERNER
Engineer-
of-the Year



Editor's Note: The January, 1981 issue of THE NEWS proudly announced that Phila. Section Past President Koerner was elected 1981 Engineer-of-the-Year for Delaware Valley for distinguished teaching and contributions through applied research. We present herewith a biography of our honored colleague.

His election was announced by W. Spencer Bloor, of Leeds & Northrup Company, general chairman of the 1981 Engineers' Week Committee. The committee is responsible for Engineers' Week programs at educational institutions and at industries to generate interest in engineering. The theme of the week in 1981 is "Engineering + Opportunity = Progress."

A native of Philadelphia, Bob Koerner received his BS and MS degrees in Civil Engineering from Drexel University and his PhD from Duke University. He was employed in industry as engineer and superintendant with major construction and consulting engineering firms in Pennsylvania and New York before embarking on his teaching career in 1963 as an instructor at Pennsylvania Military College, now Widener University. He joined the Drexel engineering faculty in 1968 and was appointed to his present post in 1975.

Since 1968 he has also been a private consultant in geotechnical and foundation engineering, powder metallurgy, powder processing and behavior, and non-destructive testing. He has directed, coordinated and conducted research for the U. S. Department of Defense, National Science Foundation, U. S. Environmental Protection Agency, and U. S. Bureau of Mines. He is a registered professional engineer in Pennsylvania and Delaware.

Dr. Koerner is the co-author of a recently published book on Geotextiles and the author or co-author of more than 150 papers on engineering and technical subjects.

He is the only engineering faculty member at Drexel ever to receive both the Lindback Award (1974) for teaching excellence and the Research Scholar

Award (1978) for excellence in academic and applied research.

He has also received national recognition for excellence in teaching and research including the Western Electric Fund National Award in 1979 from the American Society of Engineering Education, the Industrial Research National Award in 1977 for most innovative research accomplishment, and the Neal Rice Award of the International Briquetting Association in 1978 for research and presentation.

Dr. Koerner's research contributions include development of the technology and a non-destructive testing device for acoustic emission monitoring of dams, bridges, historic buildings and other structures to determine their safety. He will also be cited for development of the metal powder triaxial compaction process for making metal parts and its biomedical application to pacemaker power source and cardio-catheters, which in animal research has increased their acceptance by the body after they are implanted.

He is a past president of the Middle Atlantic Section, American Society of Engineering Education, as well as a director of both the International Briquetting Association and Acoustic Emission Working Group.

Dr. Koerner, his wife, Paula, their two sons and a daughter, live in Springfield, Delaware County, PA.

ASFE SEMINAR

The Association of Soil and Foundation Engineers (ASFE) will conduct its semi-annual Loss Prevention Seminar at the Philadelphia Marriott, City Line Ave. and Monument Road, **April 13 - 16, 1981.** The Monday meeting of April 13, from 9:00 to 4:00 will be open to all engineering firms interested in learning more about ASFE. This program will stress the orientation to ASFE and its program of Loss Prevention.

There are approximately 180 member firms in ASFE and the semi-annual meetings are generally attended by 200 to 300 geotechnical engineers from around the United States, Canada and Hawaii.

On Wednesday evening, April 15, a "Case History" Seminar is being planned. This will be a panel discussion by four nationally prominent geotechnical consultants moderated by Mr. Don Roberts of Dames & Moore, Los Angeles. These case histories will discuss liability and the practice of geotechnical engineering.

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ASFE SEMINAR (continued from page 5)

We are also planning a special evening seminar principally for the local engineering societies to attend and become familiar with some of the liability issues associated with geotechnical engineering. Tentative arrangements for this Wednesday evening meeting include a cash bar followed by a dinner and then the program, which will be held at the Marriott Hotel. A final notice will be forwarded during the beginning of February. If you plan to attend or have any questions concerning the proposed program, please contact Duffield Associates, Consulting Geotechnical Engineers, Newark, Delaware, Area Code (302) 738-0703.

SECTION MEMBERSHIP ASSIGNMENT PREFERENCES

A number of the area ASCE members have raised questions concerning their assignment to an ASCE Section. Section assignments are made on the basis of mailing addresses. If an ASCE member, for example, lives in New Jersey but works in Philadelphia he/she will be assigned by National to one of two Sections. If the ASCE member uses his/her home address for receiving mail, the Section assignment will be New Jersey. If the mailing address used, however, is the work address, the Section assignment will be Philadelphia.

For ASCE members who do not live or work in a region covered by the ASCE Section he/she would prefer to belong to, ASCE National will still make the Section Membership assignment based on mailing address. If membership in another Section is still desired, the member must personally contact the Section he/she is desirous of joining and pay

Local Section dues. This procedure is discussed in the mailing package sent with the annual dues statement.

Any ASCE member may belong to as many Sections as he/she would like, but he/she must contact the Sections directly, with the sole exception being the Section assigned by National. Persons interested in membership in the Philadelphia Section should contact either **Judy Longfield**, Membership Secretary or call **Al Tantara**, Section Secretary, at 289-4600.

AS/ISES 1981 ANNUAL MEETING

The American Section of the International Solar Energy Society (AS/ISES) will hold its annual meeting entitled **Solar Rising** at the Philadelphia Civic Center from May 26th - 30th, 1981. The two themes of the conference will be Commercialization and Solar Utilization in the cities.

For full information, contact: Richard Ross, Conference Manager, Bennett Hall, Rm. B-2, 3340 Walnut St., University of Pennsylvania, Philadelphia, PA 19104.

DIED

ROBERT N. DIPPY, JR., Chief Engineer of the Philadelphia Port Corporation died in December at the age of 58. In addition to ASCE, Mr. Dippy was a member of the Order of Daedalians, Society of American Military Engineers, American Society of Marine Engineers, and the Society of Professional Engineers.

He is survived by his wife, the former Virginia Higgins; three sons, his mother, and a grandson. The sympathies of the Phila. Section are extended to its departed member's family.

THE ENGINEERS' CLUB OF PHILADELPHIA SPRING 1981 EDUCATION PROGRAM (of interest to Civil Engineers)

Course:

Modern Concepts of Automatic Control

Construction Inspection and Field Operations

Piping Design I

Hydraulic Analysis and Design of Fire

Protection Systems and Networks

Piping Design III

Today's Applications of Emerging Energy Technologies

Principles of Welding Engineering

Piping Support Practices

Dates:

(All from 7 to 9 p.m.)

2-2-81 through 4-6-81

(except 2-16-81)

2-2-81 through 4-13-81

(except 2-16-81)

2-10-81 through 4-14-81

2-10-81 through 4-14-81

2-11-81 through 4-15-81

2-11-81 through 4-15-81

2-5-81 through 4-9-81

2-5-81 through 4-9-81

For further information contact **Mr. Jozsef L. deKovacs** at The Engineers' Club at (215) 735-5234.

ASCE DUES BILL AND TECHNICAL GROUP DETAILS

Section members will notice in the 1980 dues bill received recently from National ASCE Headquarters, that the **PHILADELPHIA (SECTION) DUES** is itemized as \$11.00. This amount includes a \$1 assessment for membership in one Phila. Section Technical Group of your choice. **If you choose to be a member of more than one Group, please add \$1.00 for each Group.**

Also, because National's bill did not list the Technical Groups to which your \$1.00 payments were to be applied, **you are requested to get in touch with the Chairmen of the Technical Groups of your preference**, so that their membership lists can be classified.

The appropriate individuals to contact are the following:

Technical Group Liaison

Dr. Bernard M. McNamee

(Section Vice Pres.)

Dept. of Civil Engineering

Drexel University

Phila., PA 19104

(215) 895-2369

Construction Group

Frederic Plotnick, Chairman

806 Hillton Lane

Elkins Park, PA 19117

(215) 782-1246

Geotechnical Group

Dr. Ziyad I. Husami, Chairman

Stone & Webster Engineering Corp.

P.O. Box 5200

Cherry Hill, NJ 08034

(609) 482-3889

Hydraulics and Sanitary Group

Clyde Younkia, Chairman

Greeley and Hanson

1818 Market Street

Phila., PA 19103

(215) 563-3460

Structural Group

Dr. S. Tanquir Zaidi, Chairman

Bechtel Power Corp.

P.O. Box A

Sanatoga, PA 19464

(215) 327-1200, Ext. 284

Transportation and Urban Development Group

Willard R. Whitbred, Jr., Chairman

c/o George Beetle Consulting Engineers

1518 Walnut Street

Phila., PA 19102

(215) 546-7442